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Pediatric Brain Cancer Abstract

Primary brain tumors can be one the most deadly forms of cancer and Glioblastoma Multiforme (GBM) is the most common and most aggressive adult primary brain tumor, accounting for 52% of all primary brain tumor cases and 20% of all intracranial tumors. However, in children Medulloblastomas are the most common type of childhood cancer. With aggressive surgery, craniospinal radiotherapy and chemotherapy, more than 50% of children with medulloblastoma can be expected to be free of disease 5 years later and have a higher probability of survival than those patients without dissemination. Still palliative care does not provide a cure. More research and addition research models are desired to improve treatment, leading to a reduction in the loss of human life. This poster is a review of the current techniques which are used to treat children with Medulloblastomas and the direction medical research plans to take treatment of this disease in the future.